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SECRET
SECURITY INFORMATION

25X1

INFORMATION REPORT

REPORT NO.

CD NO.

COUNTRY Czechoslovakia

DATE DISTR. 11 December 1952

SUBJECT Jan Sverma Plant of Motorlet, Prague-Jinonice:
Production of MIG-15 Jet Engines

NO. OF PAGES 2

25X1A

NO. OF ENCLS. 25X1A
(LISTED BELOW)

SUPPLEMEN
REPORT NO

25X1X

1. The Jan Sverma Plant of the Motorlet National Corporation, Prague-Jinonice, makes all parts for the M-05 jet engine. Between May and the end of December 1952, 100 engines are to be completed. Starting 15 February 1953, the goal is ten engines per week, according to plant rumor.¹
2. Known parts made at the plant include the main jet cover, the telescope (sic) case, and the valve disk. During 1951, semi-finished products came from the USSR, especially those of manganese steel. Since early 1952, all components have been made at the plant.
3. The main workshop is contained in the so-called "Iran Section" which can be disassembled and shipped within one week in an emergency.²
4. The plant power station is located at Stechovice (O 50/L 75).
5. Assembled engines are packed in crates with Russian inscriptions, and are trucked to an unknown destination. They are thought to go to Letnany for mounting in bodies made at the Avia National Corporation.³

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[illegible]

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6. Russian engineers supervised motor construction at the plant from September 1951 to September 1952.⁴
7. Approximately 5,000 persons are now employed at the plant; employees are soon to be increased to 8,000.⁵ Of the current total, 20% are women, 30% are skilled labor.

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[redacted] Comments.

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1. [redacted]

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Only 35 MIG-15 motors

were reported by a different source to have been finished by 26 August 1952,

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- [redacted]
3. For the most recent reports on participation of Avia, also known as Jiri Dimitrov Plant, in the production of jet aircraft, [redacted]

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- [redacted]
5. A previous report from another source gave the employment figure in April 1952 as about 4,000 people; [redacted]

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COUNTRY Czechoslovakia

DATE DISTR 13 February 1953

SUBJECT Jan Sverma Plant of Motorlet, Prague - Jinonice:
25X1A Production of MIG-15 Jet Engines

NO OF PAGES 2

NO OF ENCLS. 1 (4 pages)
(LISTED BELOW)

SUPPLEMENT TO
REPORT NO.

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1. The Jan Sverma Plant of Motorlet, National Corporation, in Prague - Jinonice is 50 meters from the Jinonice - Prague rail line, 500 meters south of the Jinonice railroad station. It is subordinate to the Ministry of General Machinery.
2. The following are the Czech language names for the parts of the M-05 jet engine known to be made at the plant:
 - a) Main jet cover Primaba hlavni trysky
 - b) Telescope (sic) case Pouzdro teleskopu
 - c) Valve disk Talirek ventilu
3. The name of the Iran Section stems from the fact that the section was designed to be disassembled in case of danger and re-erected in Persia. This section was built by the Germans during the war; it contains the plant's main workshop. It is 300 by 60 by 5 meters, of removable steel construction with brick walls and a glass roof. The section contains 700 to 800 machines for the production of all types of jet engine parts; all the machines are old. They are of German, Czech or Swiss origin. The shop also contains six American vertical lathes (karusel) and four Russian copying machines that were installed in December 1951.
4. The workshop of the "Concrete Building" is on the fourth floor of the building which measures 100 by 25 by 30 meters. The section contains three horizontal milling machines, 12 vertical milling machines, four large and two small lathes, two large universal lathes and three grinding machines. All these are of Czech TOS origin. In addition, there are two special Swiss welders and the following old German machines: four drillers, five small and four large universal lathes; the last are Wollmann models.
5. There are no volunteer workers at the plant, since no outsiders are permitted to enter the premises. If there is a production bottleneck, office employees are assigned to manual labor.¹
6. The average monthly salary is 3,500 crowns. Deductions total over 20 percent of the total; these include 150 crowns for national life insurance, 360 for taxes, 40 for a contribution towards the Korean war, 40 for RCH (Revolutionary Trade Union Movement - Revolucni odborove hnuti) dues, and others.

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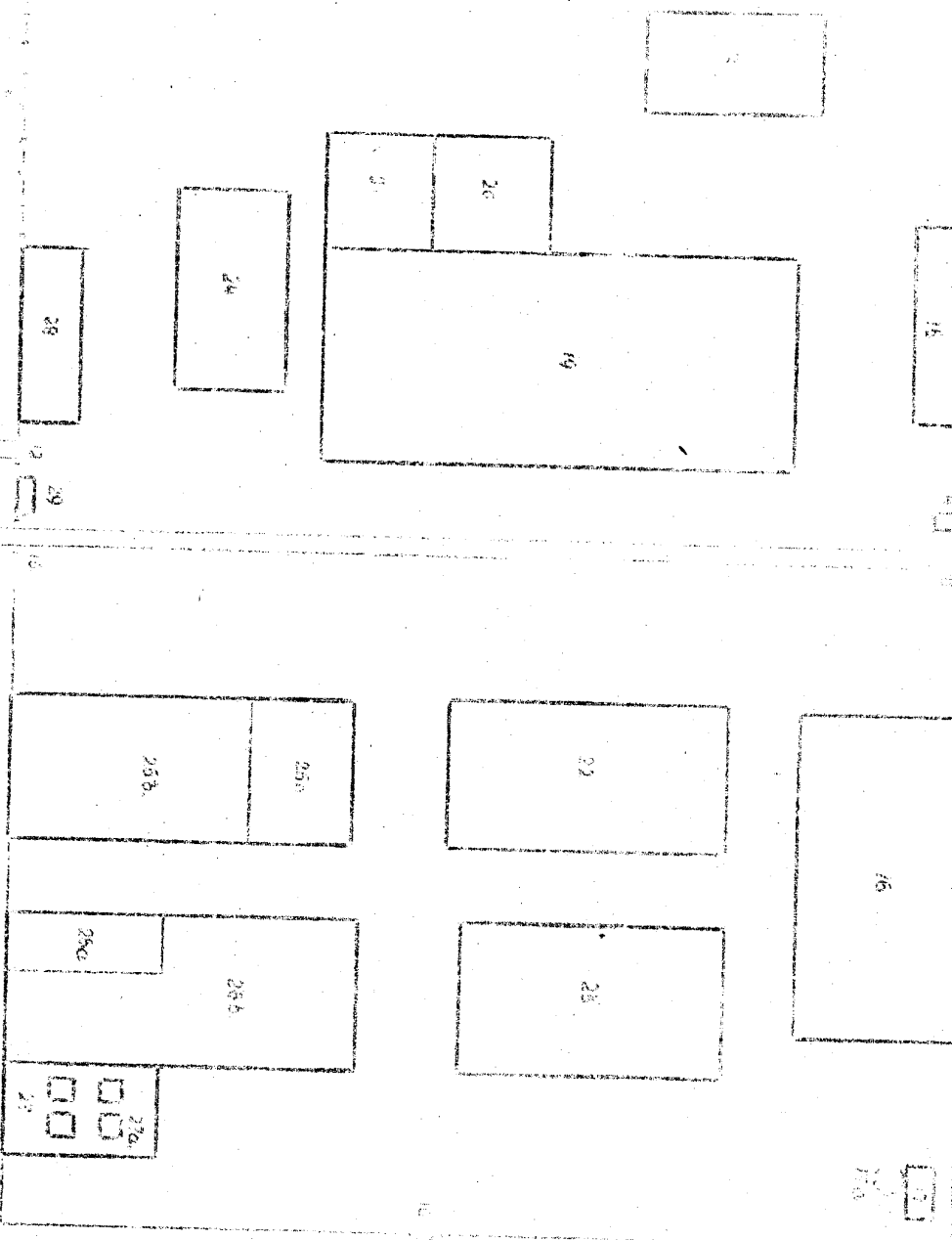
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7. In 1952 a third work shift was introduced in order to conserve electricity. The shifts are now divided into the "Concrete Building" shift, the "Iran Section" shift and a miscellaneous grouping for other sections. The first two groups, containing the majority of workers, work during the day; of the third group, a maximum of 10 percent work during the day, the rest at night.
8. The following are known plant personnel:
- a) Plant director - (fnu) Stochl, about 40 years old, about 170 centimeters tall, stout build, dark brown wavy hair, blue eyes. Residence at an unknown address in Prague-Vinohrady; divorced, a convinced Communist.
 - b) Production manager - (fnu) Cingros, about 45 years old, about 165 centimeters tall, stout, dark brown hair, brown eyes. Lives in a factory-owned house in Jinonice; single, also a convinced Communist.
 - c) Chairman of Works Council - (fnu) Mezera, about 45 years old, about 175 centimeters tall, stout, fair, thin hair; married, a dedicated Communist.
 - d) Deputy Works Council Chairman - (fnu) Marhaut, about 40 years old, about 175 centimeters tall, stout build, oblong face, married and a convinced Communist.
 - e) Cadre Referent - (fnu) Rus, about 35, about 175 centimeters tall, slim, black hair, dark eyes.
 - f) Chief Foreman, Iran Section - (fnu) Kroulik, about 45, grey hair, dark brown eyes, married, Communist.
 - g) Other Iran Section foremen - (fnu) Nemec, about 35, about 170 centimeters tall, stout build, black hair, brown eyes. Communist who often helps the workers.
 - (fnu) Kraus, about 35, about 175 centimeters tall, slender greying hair, a convinced Communist.
 - h) Chief Foreman, Concrete Building - (fnu) Ulrich, about 45, about 180 centimeters, stout, dark greying wavy hair, dark eyes. Married, reluctant Communist.
 - i) Concrete Building Foreman - (fnu) Dostal, about 50, about 165 centimeters tall, stout, bald, blue eyes, married, lives in plant-owned house in the vicinity of plant.
9. The plant is strongly guarded since its security is subject to the "Law for the Defense of the Peace", "Law for the Defense of the Republic" and "Law for the Protection of Military Secrets"; these are the three most stringent security regulations in Czechoslovakia; violation is punishable by death or life imprisonment. Every worker must produce his factory pass for inspection by the guard on entering and leaving the plant; in addition, at quitting time, the employee must show his time card to the guard. The watch also searches workers' briefcases and, from time to time, conducts body searches. During the night, the plant is guarded by militia armed with pistols and carbines. Every two weeks, the militia undergoes training outside the factory grounds. In addition, the plant has a fire brigade of 20 men and one truck; the men train once a week. All security measures are supervised by the referent for security, (fnu) Kruzik, who is about 45, about 170 centimeters tall, of stout build, fair haired and balding, with a round face.
1. [redacted] Journal. After the 1948 coup, many office employees were fired because of political unreliability. They were replaced by trustworthy Communists who previously had been working on the machines.

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LEGEND FOR SOURCE'S MEMORY SKETCH OF
JAN SVLRMA PLANT, JINONICE

1. Jinonice railroad station.
2. Single track rail line.
3. Asphalt road.
4. Railroad crossing.
5. Iron bridge.
6. Asphalt road.
7. Wooden fence, 160 centimeters high.
8. Vehicle entrance, 3 meters wide.
9. Concrete wall 2 1/2 meters high, 10 centimeters thick.
10. Side entrance for workers, 2 meters wide.
11. Wire mesh fence, one strand of barbed wire on top.
12. Main entrance, 3 meters wide.
13. Main vehicular entrance, 3 meters wide.
14. Guard room 3 by 2 by 3 meters; brick building with flat wooden roof covered with roofing paper.
15. Welfare Section offices, 60 by 8 by 5 meters; brick building with flat wooden roof covered with roofing paper.
16. Concrete building, flat concrete roof. Cellar: storage room; first and second floors: administrative offices; third floor: director's and administrative offices; fourth floor: offices; fifth floor: assembly shop, engine testing, workshop; sixth floor: chemical laboratory for material testing, apprentice workshop.
17. Boiler room, 17a. Chimney, estimated height 35 meters.
18. Nickel-plating workshop under construction; brick building.
19. Iran section.
20. Lavatory and cloak room, 30 by 10 by 5 meters, brick building.
21. Material warehouse, 30 by 10 by 5 meters, brick building.
22. Machine repair shop, 150 by 50 by 10 meters; two floors, brick building, glass roof. First floor: repair shop; second floor: workshop, tool shop.
23. Shipping section; 150 by 30 by 3 meters; brick building, wooden roof covered by roofing paper.
24. Messhall, 100 by 40 by 5 meters, brick building, flat roof.
25. Workshop for finishing jet parts, 150 by 50 by 10 meters; brick building, flat roof. Contains foundry; first floor: cloak rooms; second floor: workshop.
26. Testing laboratory, 150 by 30 by 5 meters, concrete building, concrete roof. Contains tarnishing (sic) shop, testing laboratory, offices and dental clinic.
27. Testing station, 80 by 40 by 5 meters; unroofed brick building. 27a. Four testing towers, concrete.
28. Personnel section, 50 by 20 by 5 meters; wood construction covered with plaster, flat wooden roof covered with roofing paper.
29. Guard room, 3 by 2 by 3 meters, brick building, wooden roof covered with roofing paper.



SOURCE MEMORY SKETCH
of SET PLANT
JINONICE

Not drawn to scale

